Amendment and Response under 37 C.F.R. 1.116
Applicant: Jeffrey Scott Weaver et al.
Serial No.: 09/943,392
Filed: August 30, 2001
Docket No.: 10006366-1
Title: METHOD AND SYSTEM FOR HANDLING COMPUTER RESOURCE REQUESTS ON A
MONETARY PRIORITY BASIS

IN THE CLAIMS

Please amend claims 1, 8-9, 11-12, 16, 21-22, 24 and 27 as follows:

1.   (Currently Amended) A method of prioritizing computer resource requests, the method comprising:

granting a monetary priority queue designation to a preferred subscriber for preferential placement in a monetary priority scheduling queue in a throughput resource upon payment for the monetary priority queue designation by the preferred subscriber, the monetary priority scheduling queue being a non-first-in-first-out queue;

receiving a first resource request at the throughput resource from the preferred subscriber ;

receiving a second resource request at the throughput resource from a non-preferred subscriber having a non-monetary priority queue designation;

processing, via the monetary priority scheduling queue, the first resource request from the preferred subscriber prior to processing the second resource request from the non-preferred subscriber based exclusively on the monetary priority queue designation having a higher priority for processing than the non-monetary priority queue designation.

2.   (Previously Presented) The method of claim 1 wherein processing the first resource request comprises:

transmitting the first resource request to a job resource configured for performing the first resource request.

3.   (Previously Presented) The method of claim 1 wherein receiving a first resource request comprises:

establishing an internet service provider as the preferred subscriber and an internet router as the throughput resource.

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4.　　(Previously Presented)　The method of claim 1 wherein receiving a first resource
request comprises:

establishing a client as the preferred subscriber and an internet service provider as the
throughput resource.

5.　　(Previously Presented)　The method of claim 1 wherein receiving a first resource
request comprises:

establishing a web browser as the preferred subscriber and a web server as the
throughput resource.

6.　　(Previously Presented)　The method of claim 5 wherein establishing a web browser
comprises:

providing the web server as a service provider configured for performing a transaction
for the web browser.

7.　　(Previously Presented)　The method of claim 1 wherein receiving a first resource
request comprises:

providing the throughput resource as a server system configured for acting as at least
one of the following computer resources:

web resource, file resource, printer, network resource, load leveler, router, hub, data
resource, transaction resource, access resource, transmission resource, authorization resource,
and stock trader.

8.　　(Currently Amended)　The method of claim 1 wherein receiving a first resource
request comprises:

providing the throughput resource as at least one of a local area network, a internet
access/service provider, a router, and a server, ~~each having a monetary priority scheduler~~
~~queue~~.

9.　　(Currently Amended)　The method of claim 1 wherein receiving a first resource
request comprises:

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providing the preferred subscriber as at least one of a local area network, a internet access/service provider, and a router, ~~each having a monetary priority designation~~.

10.   (Previously Presented) The method of claim 1 wherein receiving a first resource request comprises:

prioritizing between the first resource request and the second resource requests based on a job type monetary priority designation associated with at least one of the following job types:

email, data, access, transmission, routing, and transactions.

11.   (Currently Amended) A method of handling job requests on a monetary priority basis comprising:

establishing a priority queue designation for each subscriber of a plurality of subscribers based on a relationship of each subscriber with a throughput resource<u> of internet-based services,</u> wherein the priority queue designation includes at least one of a monetary priority queue designation obtained by payment from the subscribers and a non-monetary priority queue designation obtained without payment from the subscribers<u> and wherein each subscriber defines a client user;</u>

receiving a job request from each subscriber at the throughput resource;

identifying the priority queue designation associated with the job request from each subscriber; and

scheduling the job request for each subscriber in a queue based on the priority queue designation with the job requests from each subscriber having the monetary priority queue designation being performed prior to the job requests from each subscriber having the non-monetary priority queue designation.

12.   (Currently Amended) A priority resource request handling system comprising:

a first subscriber having a first <u>fixed</u> monetary priority queue designation and a second subscriber having a second <u>fixed</u> monetary priority queue designation; and

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a throughput resource having a priority scheduling queue configured for handling resource requests of the first subscriber prior to handling resource requests of the second subscribers based on their respective monetary priority queue designations,

wherein the first fixed monetary priority queue designation is obtained via payment by the first subscriber to the throughput resource to always gain higher priority processing relative to the second fixed monetary priority queue designation.

13. (Previously Presented) The priority resource request handling system of claim 12 wherein the queue of the throughput resource comprises:

an input and output queue configured for handling both input and output resource requests on a monetary priority basis.

14. (Previously Presented) The priority resource request handling system of claim 12 and further comprising:

a job resource for performing the resource request.

15. (Previously Presented) The priority resource request handling system of claim 12 wherein the throughput resource is configured to perform at least one of a communication request, a data transmission request, a network communication routing request, and a network access request.

16. (Currently Amended) A pay for performance prioritized internet communication system comprising:

a preferred web browser configured to have a monetary priority queue designation; and

an internet service provider configured to act as a throughput resource including a non-first-in-first-out queue for processing requests from the preferred web browser prior to processing other requests in the non-first-in-first-out queue that lack a monetary priority queue designation,

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wherein the preferred web browser obtained the monetary priority queue designation via payment to the internet service provider to gain preferential processing in the non-first-in-first out queue.

17.   (Previously Presented) The pay for performance prioritized internet communication system of claim 16 and further comprising:

a local area network configured to act as a throughput resource for the preferred web browser and as a preferred subscriber to the internet service provider.

18.   (Previously Presented) The pay for performance prioritized internet communication system of claim 16 and further comprising:

a router configured to act as a second throughput resource on a monetary priority basis for the web browser; and

a server configured to act as a throughput resource on a monetary priority basis for the router.

19.   (Previously Presented) The pay for performance prioritized internet communication system of claim 16 and further comprising:

a server configured to act as a second throughput resource on a monetary priority basis for the web browser.

20.   (Previously Presented) The pay for performance prioritized internet communication system of claim 16 and further comprising:

a service provider configured to act as a preferred subscriber and a router configured to act as the throughput resource on a monetary prior basis for the internet service provider.

21.   (Currently Amended) A monetary prioritized network communication system comprising:

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a plurality of computer resources communicating with each other in series, the computer resources including: at least two of a ~~web browser,~~a local area network;, an internet service provider;, a router;, and a server,

wherein one of the at least two ~~each~~ computer resources comprises ~~is configured to act as~~ a preferred subscriber ~~to a throughput resource~~ and is configured to hold a monetary priority designation obtained via payment and wherein the other of the at least two computer resources comprises a throughput resource configured to provide internet-based services to the preferred subscriber, the throughput resource including

~~wherein each of the local area network, the internet service provider, the router and the server are configured to act as the throughput resource relative to a subscriber and have~~ a queue configured for prioritizing computer resource requests on a monetary priority basis using the monetary priority queue designations of the preferred subscribers relative other subscribers not having the monetary priority queue designation,

~~wherein the monetary priority queue designations are obtained via payment by the subscribers.~~

22.   (Currently Amended) The monetary prioritized network communication system ~~system~~ of claim 21 and further comprising:

a subscriber link for maintaining a monetary contractual relationship between ~~one of~~ the preferred subscribers and ~~one of~~ the throughput resources.

23.   (Previously Presented) The pay for performance prioritized internet communication system of claim 16 and further comprising:

a monetary priority subscription monitor comprising:

a graphical user interface including:

an activation function;

a login function; and

a job type priority designation function configured for managing monetary priority designations for at least one of the following job types:

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email, data, access, transmission, routing, and transactional.

24.   (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method of monetarily prioritizing computer resource requests, the method comprising:

granting a monetary priority queue designation to a preferred subscriber for preferential placement in a monetary priority scheduling queue in a throughput resource upon payment for the monetary priority queue designation by the preferred subscriber, the monetary priority scheduling queue being a non-first-in-first-out queue;

receiving a first resource request at the throughput resource from the preferred subscriber ;

receiving a second resource request at the throughput resource from a non-preferred subscriber having a non-monetary priority queue designation;

processing, via the monetary priority scheduling queue, the first resource request from the preferred subscriber prior to processing the second resource request from the non-preferred subscriber based exclusively on the monetary priority queue designation having a higher priority for processing than the non-monetary priority queue designation.

25.   (Previously Presented) The computer-readable medium of claim 24 wherein the method further comprises:

providing the throughput resource as a server system configured for acting as at least one of the following computer resources: web resource, file resource, printer, network resource, load leveler, router, hub, data resource, transaction resource, access resource, transmission resource, authorization resource, and stock trader.

26.   (Previously Presented) The computer-readable medium of claim 24 wherein the method further comprises:

providing the throughput resource as at least one of a local area network, a internet access/service provider, a router, and a server, each having a monetary priority scheduler queue.

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27.   (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method of handling resource requests on a monetary priority basis, the method comprising:

establishing a priority queue designation for each subscriber of a plurality of subscribers based on a relationship of each subscriber with a throughput resource of internet-based services, wherein the priority queue designation includes at least one of a monetary priority queue designation obtained by payment from the subscribers and a non-monetary priority queue designation obtained without payment from the subscribers and wherein each subscriber defines a client user;

receiving a job request from each subscriber at the throughput resource;

identifying the priority designation associated with the job request from each subscriber; and

scheduling the job request for each subscriber in a queue based on the priority designation with the job requests from each subscriber having the monetary priority designation being performed prior to the job requests from each subscriber having the non-monetary priority designation.